

AMENDMENTS TO THE CLAIMS:

Replacement Claim Set:

1. (Previously presented) An apparatus comprising:
 - a chamber;
 - a means for applying a coating composition comprising a coating solvent to an implantable device; and
 - a pressure controller for controlling the pressure of the chamber at other than ambient pressure,

wherein other than ambient pressure is less than 760 torr if the coating solvent is non-volatile, and alternatively, wherein other than ambient pressure is greater than 760 torr if the coating solvent is volatile.
2. (Previously presented) The apparatus of Claim 1 wherein the means for applying comprises an applicator for spraying the composition at the device.
3. (Original) The apparatus of Claim 1 additionally including a support assembly for holding the device during the coating process.
4. (Original) The apparatus of Claim 1 additionally including means for rotating the device during the coating process.
5. (Original) The apparatus of Claim 1 additionally including means for moving the device in a linear direction during the coating process.

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6. (Original) The apparatus of Claim 1 additionally including means for creating convection flow within the chamber.
7. (Previously presented) The apparatus of Claim 1 wherein the coating composition further comprises a polymer and optionally a therapeutic substance.
8. (Original) The apparatus of Claim 1 additionally including a temperature controller for adjusting the temperature of the chamber.
9. (Previously presented) An apparatus comprising:
 - a chamber;
 - a means for applying a coating composition comprising a coating solvent to an implantable device; and
 - a pressure controller for controlling the pressure of the chamber at other than ambient pressure,
wherein other than ambient pressure is greater than 760 torr if the coating solvent evaporation rate is to be decreased, and alternatively, wherein other than ambient pressure is less than 760 torr if the coating solvent evaporation rate is to be increased.
10. (Previously presented) The apparatus of Claim 9 wherein the means for applying comprises an applicator for spraying the composition at the device.
11. (Original) The apparatus of Claim 9 additionally including a support assembly for holding the device during the coating process.
12. (Original) The apparatus of Claim 9 additionally including means for rotating the

device during the coating process.

13. (Original) The apparatus of Claim 9 additionally including means for moving the device in a linear direction during the coating process.
14. (Original) The apparatus of Claim 9 additionally including means for creating convection flow within the chamber.
15. (Previously Presented) The apparatus of Claim 9 wherein the coating composition further comprises a polymer and optionally a therapeutic substance.
16. (Original) The apparatus of Claim 9 additionally including a temperature controller for adjusting the temperature of the chamber.
17. (Previously presented) An apparatus comprising:
 - a chamber;
 - a means for applying a coating composition comprising a coating solvent to an implantable device; and
 - a pressure controller for controlling the pressure of the chamber at a pressure,wherein pressure is other than ambient pressure and is based on the vapor pressure of the coating solvent.
18. (Previously presented) The apparatus of Claim 17 wherein the means for applying comprises an applicator for spraying the composition at the device.

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19. (Original) The apparatus of Claim 17 additionally including a support assembly for holding the device during the coating process.

20. (Original) The apparatus of Claim 17 additionally including means for rotating the device during the coating process.

21. (Original) The apparatus of Claim 17 additionally including means for moving the device in a linear direction during the coating process.

22. (Original) The apparatus of Claim 17 additionally including means for creating convection flow within the chamber.

23. (Previously presented) The apparatus of Claim 17 wherein the coating composition further comprises a polymer and optionally a therapeutic substance.

24. (Original) The apparatus of Claim 17 additionally including a temperature controller for adjusting the temperature of the chamber.

25. (Canceled)

26. (Canceled)

27. (Currently amended) An apparatus comprising:

a chamber in which a liquid coating composition comprising a coating solvent can be applied to an implantable device;

an applicator for spraying the liquid composition at the device; and

a pressure controller for controlling the pressure of the chamber at other

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than ambient pressure,

wherein other than ambient pressure is greater than 760 torr if the coating solvent evaporation rate is to be decreased, and alternatively, wherein other than ambient pressure is less than 760 torr if the coating solvent evaporation rate is to be increased.

28. (Canceled)

29. (Canceled)

30. (Currently amended) An apparatus comprising:

a chamber in which a liquid coating composition comprising a coating solvent can be applied to an implantable device;

an applicator for spraying the liquid composition at the device; and

a pressure controller for controlling the pressure of the chamber at a pressure,

wherein pressure is other than ambient pressure and is based on the vapor pressure of the coating solvent.

31. (Canceled)

32. (Canceled)